**Billing Service - Scenario**

**Cafe X menu consists of the following items:**

* **Cola - Cold - 50p**
* **Coffee - Hot - £1.00**
* **Cheese Sandwich - Cold - £2.00**
* **Steak Sandwich - Hot - £4.50**

**Customers don’t know how much to tip and staff need tips to survive!**

**Write some code to generate a bill including a service charge so customers don’t have to work out how much to tip,**

**Provide a solution to demonstrate that all the below requirements are correctly implemented in your code.**

**Exercise 1 – Service Charge**

1. **Pass in a list of purchased items that produces a total bill**
2. **When all purchased items are drinks no service charge is applied**
3. **When purchased items include any food apply a service charge of 10% to the total bill (rounded to 2 decimal places)**

**Exercise 2 – Hot Food**

1. **When purchased items include any hot food apply a service charge of 20% to the total bill to a max of £20**

**Optional - Provide an ability to the change service charge for hot food**